

Date: Wed, 07 May 2003 09:38:38 -0400

To: Michael.J.Bajorek@grc.nasa.gov, Danielle.M.Griffin@grc.nasa.gov, Donald.A.Hicks@grc.nasa.gov, Betty.L.Hodgson@grc.nasa.gov, Michael.J.Hovanic@grc.nasa.gov, Peter.M.Kennedy@grc.nasa.gov, Michelle.Y.Kenzig@lerc.nasa.gov, Walter.M.Kocher@lerc.nasa.gov, Robert.Lallier@grc.nasa.gov, Antoinette.C.Mayor@lerc.nasa.gov, Thomas.B.Miller@grc.nasa.gov, Priscilla.A.Mobley@lerc.nasa.gov, William.J.Muscolo@grc.nasa.gov, Christie.J.Myers@grc.nasa.gov, Daniel.A.Papcke@grc.nasa.gov, Quyen.T.Quach@grc.nasa.gov, Linda.Sekura@grc.nasa.gov, Todd.A.Strawser@grc.nasa.gov, Sandra.H.Valenti@grc.nasa.gov, Daniel.White@grc.nasa.gov, Michael.J.Blotzer@grc.nasa.gov

From: Daniel A Papcke
Subject: P2 Team Meeting Minutes, 03-4-25

At 9:30 on April 25, 2003, the Pollution Prevention Team met in Building 6, Room 147.

Attendees: D. Griffin, M. Hovanic, P. Kennedy, M. Kenzig, W. Kocher, R. Lallier, A. Mayor, T. Miller, P. Mobley, W. Muscolo, C. Myers, D. Papcke, L. Sekura

In preparation for the upcoming EPCB meeting, the team reviewed the status of targets and metrics. This information will be submitted to the chief of EMO. See attached.

Other items of interest:

- * A second consideration for new cleaners is that of flammability. They may be fire hazards in confined space areas. Safety Office may want information concerning any new chemicals.
- * A risk matrix is being developed for the EMS at Plum Brook. A P2 objective will be a feasibility study for the replacement of trichloroethane.
- * A Headquarters recycling ViTS is scheduled for April 24, 2003 at 11:00.

The next meeting will be held on May 9, 2003.

P2 Objectives 4-25-03 .doc

POLLUTION PREVENTION TEAM OBJECTIVES

TARGET	due date	METRIC	STATUS
Identify and implement substitutes for MEK in 3 applications	9-30-03	Number of MEK applications eliminated	PPOA draft completed. Substitutes identified. Additional MEK uses are being researched. EPP evaluation and implementation in progress.
Develop Environmentally Preferred Program and Products Lists 7 application categories	9-30-03	Completed and published Environmentally Preferred Products List	EPP process being modified for Aperture / web-based implementation. 2 categories complete, 8 more in progress.
Develop Life Cycle analysis program	9-30-03	Published Program	LCA chapter is under review by EMO management. First application set (ODCs) tools in progress
Replace 1,1,1-trichloroethane, toluene, xylene, and acetone in machining fluids	9-30-03	Number of fluids replaced	PPOA draft complete, substitutes identified. Additional uses being researched. EPP evaluation and implementation in progress.
Replace iridite at Hangar	9-30-03	Iridite replaced	EPP substitutes identified. Test replacement re-ordered on 1-23-03
Install garnet recycling system in Fabrication Shop	9-30-03	Successful implementation	Report complete. Particle count needed. Joint (with shop cooperation) implementation in progress.
Complete biodiesel study	9-30-03	Report issued	Pilot study complete. In January 2003, 7500 gallons purchased for fleet and research use.
Complete propane-to- methane towmotor study	9-30-03	Report issued	Feasibility study in progress.
Study tyvek recycling	9-30-03	Report issued	Low demand. A small amount of Tyvek is coming in, but very slowly. It may take Glenn two years to fill a cubic yard box at this rate.
Field test Real Time Monitoring System	9-30-03	Report issued	Statement of Work revised and scaled back. Collaborative external funding opportunities (NSF proposal for 2 – 2.5 M over 5 years, others) being developed. Potential Homeland Security applications being studied.
Complete Chemical Management PDA pilot project	9-30-03	Report issued	Fab Shop PDA system set up. Next step: test inventory-taking by one employee.

POLLUTION PREVENTION TEAM OBJECTIVES

TARGET	due date	METRIC	Update	STATUS
Complete Chemical Management PDA pilot project	9-30-03	Report issued	Fab shop inventory taken. Executive summary to be issued in early May	Fab Shop PDA system set up. Next step: test inventory-taking by one employee.
Identify and implement substitutes for MEK in 3 applications	9-30-03	Number of MEK applications eliminated	No change	PPOA draft completed. Substitutes identified. Additional MEK uses are being researched. EPP evaluation and implementation in progress.
Develop Environmentally Preferred Program and Products Lists 7 application categories	9-30-03	Completed and published Environmentally Preferred Products List	Category list expanded to 12.	EPP process being modified for Aperture / web- based implementation. 2 categories complete, 8 more in progress.
Develop Life Cycle analysis program	9-30-03	Published Program	P. Mobley coordinating the chapter with 7000 Directorate	LCA chapter is under review by EMO management. First application set (ODCs) tools in progress
Replace 1,1,1-trichloroethane, toluene, xylene, and acetone in machining fluids	9-30-03	Number of fluids replaced	P2 Team investigating other possibilities through inquiries with machine shop managers	PPOA draft complete, substitutes identified. Additional uses being researched. EPP evaluation and implementation in progress.
Replace iridite at Hangar	9-30-03	Iridite replaced	Possible replacement product tested and found to be acceptable.	EPP substitutes identified. Test replacement re-ordered on 1-23-03
Install garnet recycling system in Fabrication Shop	9-30-03	Successful implementation	Student pass rejected because it was handwritten. Typed and resubmitted and accepted.	Report complete. Particle count needed. Joint (with shop cooperation) implementation in progress.
Complete biodiesel study	9-30-03	Report issued	No change.	Pilot study complete. In January 2003, 7500 gallons purchased for fleet and research use.
Complete propane-to-methane towmotor study	9-30-03	Report issued	Information to come.	Feasibility study in progress.
Study tyvek recycling	9-30-03	Report issued	With new contributors found, increasing demand will cut the time needed in half.	Low demand. A small amount of Tyvek is coming in, but very slowly. It may take Glenn two years to fill a cubic yard box at this rate.
Field test Real Time Monitoring System	9-30-03	Report issued	Proposal to be submitted in early fall.	Statement of Work revised and scaled back. Collaborative external funding opportunities (NSF proposal for 2 – 2.5 M over 5 years, others) being developed. Potential Homeland Security applications being studied.